cnMatrix TACACS Parameters and Commands

Commands	Description	CLI Mode
`tacacs-server host {<ipv4-address>	<ipv6-address>	<dns_host_name>} } [single-connection] [port <tcp port (1-65535)>] [timeout <time out in seconds(1-255)>] {key <secret key>}`  Available options:  • `<ipv4-address>` - Configures the IPv4 address of the host. • `<ipv6-address>` - Configures the IPv6 address of the host. • `single-connection` - Single TCP connection is established to communicate with TACACS Server. • `port<tcp port (1-65535)>` - Configures the TCP port number in which the multiple sessions are established. • `timeout<time out in seconds(1-255)>` - Configures the timeout related information. • `key<secret key>` - Specifies the authentication and encryption key for all TACACS communications between the authenticator and the TACACS server.	Configures the TACACS server with the parameters (host, timeout, key) and specifies the address of one or more TACACS and the names of the IP host or hosts maintaining a TACACS+ server.	Global Configuration
`tacacs use-server address { <ipv4-address>	<ipv6-address> }`	Configures the active server address and selects an active server from the list of servers available in the TACACS server table.	Global Configuration
`tacacs-server retransmit < retries (1-5) >`	Configures the retransmit value. It is the number of times the client searches the active server from the list of servers maintained in the TACACS client, when active server is not configured.	Global Configuration
`debug tacacs { all	info	errors	dumptx	dumprx }` Available options:  • `all` - Generates debug messages for all possible traces (Dumptx, Dumprx, Error, Info). • `info` - Generates debug statements for server information messages such as TACACS session timed out, server	Sets the debug trace level for TACACS client module.	Privileged EXEC

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unreachability, Session ID exceeded and so on. • `errors` - Generates debug statements for error debug messages such as failure caused during packet transmission and reception. • `dumptx` - Generates debug statements for handling traces. • `dumprx` - Generates debug statements for handling traces.		
`show tacacs server`	Displays server related information.	Privileged EXEC
`show tacacs statistics`	Displays TACACS statistics.	Privileged EXEC